

**SECRET****PRIORITY**

OUT 65528

10 JUL 68 16 21z

P 101608Z JUL 68  
 FM NPIC WASHDC  
 TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB  
 RUWTFRA/100TH SRW OL 19 MCCOY AFB FLA  
 RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ  
 RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD  
 RUEAIIA/CIA WASH DC  
 RUEOJFA/DIA ATTN: DIAXX-2  
 RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF  
 RUEFHQA/HQS USAF

BT

S E C R E T CITE NPIC 4177.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI. DO; 100TH SRW FOR  
 CO, DCOI; HQ USAF FOR AFRDR

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJECT: EVALUATION OF GLASS LAMP MISSION G-031

1. QUALITY SUMMARY: MISSION G-031, FLOWN 5 JULY 1968 PROVIDES  
 IMAGE QUALITY SIMILAR TO THAT OF THE LAST MISSION EMPLOYING UNIT  
 NUMBER B-18 (G-028). THE IMAGERY APPEARS DISTURBED, POSSIBLY DUE TO  
 VEHICLE VIBRATION. THIS SAME CONDITION IS APPARENT ON MISSION G-

DISTRIBUTION	
OFFICE	PI
1. DIR	
2. DISD	
3. SECUR.	
4. TSSG	25X1
5. PSG/OC	
6. RRD	
7. REPRO	
8. AID	
9. DUE IEG	
10. OPRQD	
11. SCIEN	
12. WEST	
13. EAST	
14. M&S	
15. PGM	
16. IAS	
17. DIA-XX4	
18. SPAD	
19. DIA-AP	25X1
20. CMI	

PAGE 2 RUEADJU 24 S E C R E T

THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY RANGES FROM  
 POOR-TO-GOOD. CLOUD COVER OBSCURES APPROXIMATELY 10 PERCENT  
 OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 18,  
 WAS USED IN MISSION G-031, FLOWN ON 5 JULY 1968. THIS WAS AN  
 OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE V WAS USED  
 THROUGHOUT THE MISSION.

B. PROCESSING WAS ACCOMPLISHED BY THE NAV RECON TECH  
 SUPPCEN. THE FILM TYPE, EXPOSURE, AND PROCESSING INFORMATION  
 WAS NOT RECEIVED AT THIS FACILITY.

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE FIRST PART OF THE MISSION IS SLIGHTLY  
 UNDEREXPOSED; HOWEVER, AS THE SOLAR ELEVATION INCREASES, THE  
 EXPOSURE BECOMES ADEQUATE.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM AND ADEQUATE  
 FOR INTERPRETATION. HOWEVER, THE FIRST PART OF THE MISSION IS  
 SLIGHTLY THIN DUE TO THE UNDEREXPOSURE OF THESE FRAMES.

C. IMAGE DEGRADATION:

(1) 9R SIDE: A MINUS DENSITY DOT APPEARS 0.12 INCH FROM

RECEIVED BY  
 SENSITIZED  
 WITH TEXT

PAGE 3 RUEADJU 24 S E C R E T

THE DATA CHAMBER EDGE AND 5.36 INCHES FROM THE TITLED EDGE  
 OF THE FILM THROUGHOUT THE MISSION. ANOTHER MINUS DENSITY DOT  
 APPEARS 1.06 INCHES FROM THE DATA BLOCK EDGE AND 5.5 INCHES  
 FROM THE TITLED EDGE ON FRAMES 1 THROUGH 88.

(2) 9L SIDE: A CURVING PLUS DENSITY STREAK APPROXIMATELY  
 8.0 INCHES LONG EXTENDS ALONG THE MAJOR AXIS OF THE FILM ON FRAME  
 1203.

(3) BOTH SIDES: INBOARD ROLLER CHATTER IS PRESENT  
 INTERMITTENTLY THROUGHOUT THE MISSION. THE IMAGERY ON  
 FRAME 1710 IS OUT OF FOCUS.

**SECRET**

GROUP 1  
 Excluded from automatic  
 downgrading and  
 declassification

-2-

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: A HEAT SPLICE IS PRESENT ON FRAME 1174.  
A MANUFACTURER'S SPLICE IS PRESENT BETWEEN FRAMES 1282 AND 1283.

(2) 9L SIDE: A HEAT SPLICE IS PRESENT ON FRAME 1199 AND  
THERE IS A MANUFACTURER'S SPLICE ON FRAME 1154.

(3) BOTH SIDES: MINOR INTERMITTENT EMULSION SCRATCHES  
AND PINHOLES ARE PRESENT THROUGHOUT THE MISSION.

E. AUXILIARY DATA: THE VERTICAL DOT INDICATOR IS SLIGHTLY  
FLARED DURING THE ENTIRE MISSION. ALL THE AUXILIARY DATA  
SYSTEMS FUNCTIONED PROPERLY THROUGHOUT THE ENTIRE MISSION.

PAGE 4 RUEADJU 24 S E C R E T

F. OTHER: THE LAST TITLED FRAME ON BOTH SIDES IS 2407.  
THE LAST FRAME OF EACH CAMERA OVERLAPS THE PRECEDING FRAME IN  
ASSOCIATION WITH THE CAMERA OFF FUNCTION.

3. POSITIVES:

A. THE PRINTING AND PROCESSING WERE GOOD.

GP-1

S E C R E T

END OF MESSAGE